

## Storm Data and Unusual Weather Phenomena - September 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Southeast</b>				
<b>CHICOT COUNTY --- 4.0 NW EUDORA [33.16, -91.32], 2.5 ESE GUM CORNER [33.16, -91.24], 0.3 WSW GRAND LAKE [33.08, -91.22], 2.4 NNE INDIAN [33.08, -91.29]</b>				
	09/15/09 15:13 CST		0.70M	Flash Flood (due to Heavy Rain)
	09/15/09 16:40 CST		0.15M	Source: Emergency Manager
Water was reported inside 30 homes in Eudora as well as 6 homes south of Eudora near the Indian Point Community. Sandbags were utilized. All major highways in the area had over two feet of water on the roads. Widespread flooding was observed in Eudora. Several businesses in Eudora were damaged by flooding. A service station at Highway 65 and 159 received water damage and was monitored for gasoline leaks.				
The combination of a low pressure system which crossed the region from the Southern Plains and rich gulf moisture produced locally heavy rains across Southeast Arkansas. These rains produced some flash flooding across Chicot County on the afternoon of the 15th. Some of the flash flooding affected thirty six homes and several businesses around Eudora. Radar estimated that a total of 3 to 6 inches of rain had fallen during the past several days.				
<b>ASHLEY COUNTY --- CROSSETT [33.13, -91.97]</b>				
	09/22/09 02:56 CST		50K	Thunderstorm Wind (EG 45 kt)
	09/22/09 02:56 CST		0	Source: Newspaper
Several trees and a few power lines were blown down as a weakening line of showers and embedded storms pushed south across the county.				
A weakening line of showers and embedded storms move through southeast Arkansas. Gusty winds between 40 and 50 MPH downed some trees and a few power lines around Crossett.				
<b>MISSISSIPPI, Central</b>				
<b>LAUDERDALE COUNTY --- 0.9 NE MERIDIAN [32.38, -88.71], 0.4 SSW COMPLETE [32.37, -88.73], 1.4 SW MERIDIAN [32.36, -88.74], 1.2 SSE MERIDIAN [32.35, -88.71], 1.3 W BONITA [32.37, -88.69]</b>				
	09/05/09 12:00 CST		15K	Flash Flood (due to Heavy Rain)
	09/05/09 12:40 CST		0	Source: Public
The public reported that numerous streets were flooded in downtown Meridian.				
An upper level disturbance crossed the region as it intercepted rich gulf moisture from the south. The combination of these two features produced locally heavy rains and some flash flooding across central Lauderdale County during the day. Radar estimated that 3 to 4 inches of rain had fallen across portions of the county.				
<b>WASHINGTON COUNTY --- 1.2 E HOLLANDALE [33.17, -90.85], 0.5 E HOLLANDALE [33.17, -90.86], 0.7 NNE HOLLANDALE [33.18, -90.87], 1.3 NE HOLLANDALE [33.18, -90.85], 0.9 W HOLLANDALE MUNI ARPT [33.18, -90.85]</b>				
	09/14/09 20:30 CST		5K	Flash Flood (due to Heavy Rain)
	09/14/09 21:10 CST		0	Source: Law Enforcement
A few roads and streets were under water across the city of Hollandale.				
The combination of a slow moving upper disturbance, which came from the southern plains and rich gulf moisture produced locally heavy rains and flash flooding across Washington County on the evening of September 14th. Radar estimated that 2 to 4 inches of rain had fallen across Washington County.				
<b>LEFLORE COUNTY --- 0.6 W GREENWOOD [33.52, -90.19]</b>				
	09/15/09 15:18 CST		8K	Thunderstorm Wind (EG 58 kt)
	09/15/09 15:18 CST		0	Source: Emergency Manager
A large gas station sign was blown off and landed on two vehicles, which broke the glass. A door was also torn off a building and a tree was uprooted about a half mile away. Additionally, a large limb was blown down onto a truck.				
<b>LEFLORE COUNTY --- 2.0 SE ITTA BENA [33.48, -90.31], 0.4 NE BERCLAIR [33.47, -90.38], 2.5 W SCHLATER [33.65, -90.39], 2.1 E SCHLATER [33.65, -90.31]</b>				
	09/15/09 15:25 CST		0.10M	Flash Flood (due to Heavy Rain)
	09/15/09 16:50 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rainfall caused flooding around Itta Bena and up towards Schlater. Several homes were flooded around Itta Bena. A street caved in due to erosion from flooding in Schlater.				

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### (MS-Z025) LEFLORE

09/15/09 15:35 CST	2K	Strong Wind (MAX 43 kt)
09/15/09 15:37 CST	0	

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### WASHINGTON COUNTY --- 0.6 W MANHATTAN [33.27, -90.88]

09/15/09 17:00 CST	0.10M	Lightning
09/15/09 17:00 CST	0	Source: Fire Department/Rescue

A house burned down after being struck by lightning.

The combination of an area of low pressure coming from the plains and rich gulf moisture produced some isolated severe weather during the afternoon of the 15th in Leflore County. The afternoon storms also produced some locally heavy rains in Leflore County, where some flooding was observed around Itta Bena and Schlater.

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### LOWNDES COUNTY --- 2.0 NW COLUMBUS [33.52, -88.45], 3.1 SW STEENS [33.54, -88.36], 1.7 W NEW HOPE [33.47, -88.35], 1.4 SSW COLUMBUS [33.48, -88.44]

09/16/09 05:00 CST	5K	Flash Flood (due to Heavy Rain)
09/16/09 05:45 CST	0	Source: Law Enforcement

Locally heavy rainfall caused several streets to flood in Columbus.

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### FORREST COUNTY --- RAWLS SPGS [31.38, -89.37], 0.9 WSW RAWLS SPGS [31.38, -89.38], 1.3 W RAWLS SPGS [31.38, -89.39], 0.6 N RAWLS SPGS [31.39, -89.37]

09/16/09 18:00 CST	5K	Flash Flood (due to Heavy Rain)
09/16/09 18:30 CST	0	Source: Emergency Manager

Several streets were observed under water in the Rawls Springs Community.

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### LAMAR COUNTY --- 1.0 S SUMRALL [31.41, -89.55], 0.3 NE SUMRALL [31.42, -89.55], 1.1 E SUMRALL [31.42, -89.53], 1.0 SE SUMRALL [31.41, -89.54]

09/16/09 18:10 CST	4K	Flash Flood (due to Heavy Rain)
09/16/09 18:40 CST	0	Source: Trained Spotter

A couple streets were flooded around the City Hall in Sumrall.

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### GRENADA COUNTY --- 0.6 E GRENADA [33.78, -89.81], 0.8 W FUTHEYVILLE [33.78, -89.79], 0.9 SW FUTHEYVILLE [33.77, -89.79], 1.2 SE GRENADA [33.77, -89.81], 0.5 SSE GRENADA [33.77, -89.82]

09/16/09 19:05 CST	5K	Flash Flood (due to Heavy Rain)
09/16/09 20:55 CST	0	Source: Law Enforcement

Several streets were flooded around the city of Grenada.

On the early morning and evening of the 16th, thunderstorms with locally heavy rains crossed the northern and southeast portions of the ArkLaMiss. This was caused by an area of low pressure that moved over the region from the Southern Plains. The rains resulted in some isolated flash flooding across portions of the forecast area.

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### LAUDERDALE COUNTY --- 2.1 S KEWANEE [32.39, -88.46], 1.8 S KEWANEE [32.39, -88.45], 1.9 S KEWANEE [32.39, -88.45], 2.5 S KEWANEE [32.38, -88.45]

09/17/09 21:00 CST	1K	Flash Flood (due to Heavy Rain)
09/17/09 21:40 CST	0	Source: Emergency Manager

Heavy rainfall caused water to flood a portion of Shelton-Shelby Road.

An upper disturbance combined with rich gulf moisture to produce locally heavy rains across Lauderdale County during the late evening. Water covered a road in Toomsuba.

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### SUNFLOWER COUNTY --- 0.8 SE RULEVILLE [33.72, -90.56], 0.2 SE COTTONDALE [33.70, -90.55], 3.4 ENE COTTONDALE [33.72, -90.49], 1.2 E DREW RULEVILLE ARPT [33.78, -90.50], 2.1 NNE RULEVILLE [33.76, -90.56]

09/18/09 05:00 CST	0.60M	Flash Flood (due to Heavy Rain)
09/18/09 09:30 CST	0.30M	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rainfall, between 4 and 5 inches, fell around the Ruleville area. Significant flooding occurred throughout the city and outlying areas. Many roads were under water and impassable with 50 to 60 homes flooded. Large sections of farmland were under water and some damage was done to crops.				

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**GRENADA COUNTY --- 3.0 E GRENADA [33.78, -89.77], 1.6 E FUTHEYVILLE [33.78, -89.75], 1.7 ESE FUTHEYVILLE [33.77, -89.75], 0.8 ESE FUTHEYVILLE [33.77, -89.77]**

09/18/09 09:00 CST	2K	Flash Flood (due to Heavy Rain)
09/18/09 10:00 CST	0	Source: Newspaper

A few streets in a subdivision, just east of Grenada, were under water. A few homes were threatened, but none were flooded.

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**KEMPER COUNTY --- 2.2 E KELLIS STORE [32.87, -88.73], 2.5 E KELLIS STORE [32.86, -88.73], 3.5 E KELLIS STORE [32.87, -88.71], 3.4 E KELLIS STORE [32.88, -88.71]**

09/18/09 17:00 CST	50K	Flash Flood (due to Heavy Rain)
09/18/09 17:35 CST	0	Source: Emergency Manager

Water was observed over a bridge along Sciples Mill Road. Flood gates, and an earthen dam, along Running Tiger Creek were close to being compromised.

The wet weather pattern continued and more rainfall fell across already soaked portions of the forecast area. As the upper level disturbance continued to impact the region, locally heavy rains occurred across portions of Sunflower and Kemper Counties. The result was some flash flooding over these counties. The hardest hit area was around Ruleville, in Sunflower County, where 50 to 60 homes had flooded.

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**KEMPER COUNTY --- 1.9 W DE KALB [32.77, -88.68], 1.2 S DE KALB [32.75, -88.65], 0.9 SE GILES [32.82, -88.37], 1.1 ENE BINNSVILLE [32.92, -88.36], 3.0 WNW WAHALAK [32.91, -88.57]**

09/21/09 04:30 CST	15K	Flash Flood (due to Heavy Rain)
09/21/09 06:25 CST	0	Source: Emergency Manager

Very heavy rain fell across a good portion of Kemper County during the early morning hours of September 21st. A Cocorahs observer measured 4.5 inches of rain just west of DeKalb. Additionally, radar estimates supported this measurement with other portions of the county likely totaling 5 to 7 inches. A couple of roads were flooded around De Kalb. Water had approached a school, but had not flooded the building. Other roads across the county were flooded with water covering fields that almost never hold water. The Emergency Manager stated he had never seen water flowing across fields like he saw that morning.

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**WINSTON COUNTY --- 1.8 WSW LOUISVILLE [33.12, -89.08], 2.5 SE LOUISVILLE [33.11, -89.02], 2.6 ENE LOUISVILLE [33.15, -89.01], 0.7 W LOUISVLL WINSTON ARP [33.15, -89.08]**

09/21/09 06:35 CST	0.20M	Flash Flood (due to Heavy Rain)
09/21/09 07:25 CST	0	Source: Emergency Manager

Locally heavy rainfall caused 5 homes to flood in Louisville. Water also covered several roads in town, which a few had to be closed.

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**NOXUBEE COUNTY --- 0.7 N MC LEOD [33.11, -88.47], 1.0 NNE MC LEOD [33.11, -88.46], 1.3 NE MC LEOD [33.11, -88.45], 0.9 NE MC LEOD [33.11, -88.46]**

09/21/09 08:30 CST	1K	Flash Flood (due to Heavy Rain)
09/21/09 09:15 CST	0	Source: Emergency Manager

A road just east of Macon was under water.

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**CHOCTAW COUNTY --- 3.9 N CHESTER [33.43, -89.24], 3.8 NW SHERWOOD [33.52, -89.17]**

09/21/09 09:23 CST	0	Hail (1.00 in)
09/21/09 09:42 CST	0	Source: Newspaper

A swath of penny to quarter sized hail fell across northern Choctaw County.

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**ATTALA COUNTY --- 0.8 NE MC COOL [33.21, -89.34], 3.1 E MC COOL [33.20, -89.30], 2.5 SE MC COOL [33.17, -89.32], 2.2 SSW MC COOL [33.17, -89.37]**

09/21/09 12:00 CST	3K	Flash Flood (due to Heavy Rain)
09/21/09 12:40 CST	0	Source: Post Office

Several county roads were reported flooded around McCool.

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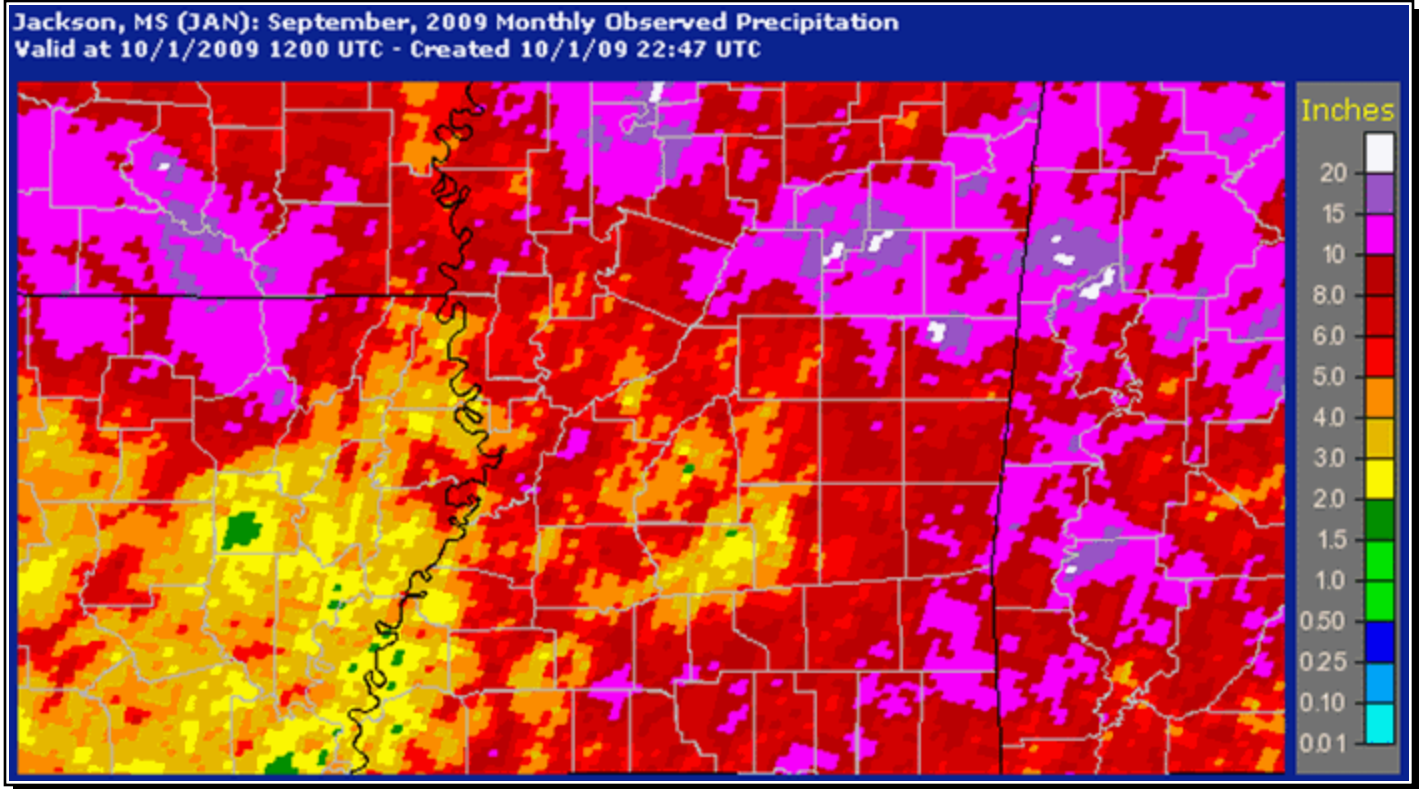
**KEMPER COUNTY --- 1.0 E PORTERVILLE [32.68, -88.45], 5.4 ENE PORTERVILLE [32.71, -88.38]**

09/21/09 12:56 CST	0	Hail (0.75 in)
09/21/09 13:17 CST	0	Source: Emergency Manager

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The wet weather pattern continued as a lingering upper disturbance combined with rich gulf moisture and good instability produced thunderstorms with locally heavy rains and a few severe thunderstorms.



*This image is the monthly rainfall total for the Jackson, MS forecast area. This covers the month of September 2009. The image shows how a large portion of the region received 6 to 10 inches of rainfall with localized areas topping out between 10 and 20 inches. Flash flooding was a major problem during what is normally the driest month of the year.*

<b>WARREN COUNTY --- 0.8 ESE VICKSBURG [32.34, -90.87], 1.2 S KINGS [32.38, -90.85]</b>				
	09/22/09 00:09 CST	0		Hail (0.75 in)
	09/22/09 00:13 CST	0		Source: Public
<b>HUMPHREYS COUNTY --- 1.6 ENE ANCHORAGE [32.94, -90.57], 3.4 ENE SILVER CITY [33.12, -90.45]</b>				
	09/22/09 01:10 CST	0		Hail (0.75 in)
	09/22/09 01:35 CST	0		Source: Public
<b>HINDS COUNTY --- 0.9 W LONGALOO [32.40, -90.16], 1.7 SW CYNTHIA [32.39, -90.27], 1.8 SW VAN WINKLE [32.28, -90.29], 2.0 NNE NOGAN [32.27, -90.20]</b>				
	09/22/09 16:05 CST	10K		Flash Flood (due to Heavy Rain)
	09/22/09 17:15 CST	0		Source: Emergency Manager
Numerous streets were flooded across northern Hinds County and across the city of Jackson. Manhole covers lifted from streets in Jackson.				
<b>MADISON COUNTY --- 2.4 E GLUCKSTADT [32.53, -90.04], 2.3 E GLUCKSTADT [32.51, -90.04], 2.8 WNW BARNETT RES EAST [32.52, -90.01], 2.9 NW BARNETT RES EAST [32.52, -90.01]</b>				
	09/22/09 16:15 CST	2K		Flash Flood (due to Heavy Rain)
	09/22/09 17:00 CST	0		Source: Emergency Manager
A few streets were flooded and water was in a carport in the Deerfield Community.				
<b>RANKIN COUNTY --- 2.3 NE BRANDON [32.30, -89.96], 2.6 NNE BRANDON [32.30, -89.96], 1.9 NW RANKIN [32.30, -89.94], 1.8 NW RANKIN [32.30, -89.94]</b>				
	09/22/09 16:25 CST	1K		Flash Flood (due to Heavy Rain)
	09/22/09 17:15 CST	0		Source: NWS Employee

## Storm Data and Unusual Weather Phenomena - September 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Two to three feet of water flowed across yards and driveways. Water rose within three feet of some homes near Trickhambridge and Stratford Drive.				
<b>NESHOBA COUNTY --- 3.0 NW PHILADELPHIA [32.80, -89.16], 0.8 WNW SPRING CREEK [32.84, -89.04], 1.0 SW OCOBLA [32.74, -89.04], 0.5 SW WILLIAMSVILLE [32.74, -89.16]</b>				
	09/22/09 18:30 CST		0.12M	Flash Flood (due to Heavy Rain)
	09/22/09 19:50 CST		0	Source: Newspaper

Heavy rainfall, between 2 and 4 inches, caused flash flooding across parts of Philadelphia. A few motorists and vehicles were stranded and a few roads were closed. The flooding rains also caused a couple homes to flood in town.

<b>LAWRENCE COUNTY --- 1.4 ESE MONTICELLO [31.54, -90.10], 1.3 NNE MONTICELLO [31.57, -90.11], 1.9 WNW MONTICELLO [31.56, -90.15], 1.7 SW MONTICELLO [31.53, -90.14]</b>				
	09/23/09 15:10 CST		2K	Flash Flood (due to Heavy Rain)
	09/23/09 15:50 CST		0	Source: Law Enforcement

A couple streets in Monticello were under water.

<b>CLAY COUNTY --- 0.9 NE WEST PT [33.61, -88.64], 1.8 ESE WEST PT [33.59, -88.62], 0.4 SSW WEST PT MC CHAREN AR [33.57, -88.65], 2.5 NE CAHNS [33.61, -88.69]</b>				
	09/23/09 15:55 CST		70K	Flash Flood (due to Heavy Rain)
	09/23/09 17:00 CST		0	Source: Public

A couple roads were under water in West Point along with some property under water. A bridge in town was partially washed out due to the high water.

<b>COPIAH COUNTY --- 1.1 ESE PLEASANT HILL [31.71, -90.73], 1.3 NE PLEASANT HILL [31.73, -90.73], 2.8 ENE PLEASANT HILL [31.74, -90.71], 2.6 ESE PLEASANT HILL [31.71, -90.71]</b>				
	09/23/09 17:00 CST		2K	Flash Flood (due to Heavy Rain)
	09/23/09 17:30 CST		0	Source: Public

Heavy rainfall caused water to flow over a couple roads in the Pleasant Hill Community.

<b>LOWNDES COUNTY --- CALEDONIA [33.68, -88.33], 1.5 E CALEDONIA [33.68, -88.30], 1.9 NE CALEDONIA [33.70, -88.31], 1.4 NW CALEDONIA [33.70, -88.35]</b>				
	09/23/09 17:29 CST		2K	Flash Flood (due to Heavy Rain)
	09/23/09 18:00 CST		0	Source: Public

Several area roads were flooded around Caledonia.

<b>MONTGOMERY COUNTY --- 0.6 E DUCK HILL [33.63, -89.71], 0.3 W DUCK HILL [33.63, -89.73], 1.0 N DUCK HILL [33.64, -89.72], 0.8 NE DUCK HILL [33.64, -89.71]</b>				
	09/23/09 18:30 CST		2K	Flash Flood (due to Heavy Rain)
	09/23/09 19:30 CST		0	Source: Law Enforcement

One road in Duck Hill was under water.

<b>NOXUBEE COUNTY --- 0.9 NE SHUQUALAK [32.98, -88.57], 0.8 SSW GALYX [32.94, -88.51], 3.3 WNW PAULETTE [33.02, -88.48], 3.9 N SHUQUALAK [33.03, -88.57]</b>				
	09/23/09 18:30 CST		1K	Flash Flood (due to Heavy Rain)
	09/23/09 19:30 CST		0	Source: Public

A few county roads were flooded around town.

<b>KEMPER COUNTY --- 1.9 ENE KELLIS STORE [32.88, -88.74], 4.0 E KELLIS STORE [32.87, -88.70], 2.8 ESE KELLIS STORE [32.85, -88.73], 0.5 S KELLIS STORE [32.86, -88.77]</b>				
	09/23/09 19:15 CST		60K	Flash Flood (due to Heavy Rain)
	09/23/09 20:10 CST		0	Source: Emergency Manager

Several vehicles were flooded and a few roads were under water around the Kellis Store community and the Sciples Mill area. A building around the mill which has kept records of high water marks and flooding reached it's second highest mark next to the flood of 1983.

<b>NESHOBA COUNTY --- 3.9 NNW HOUSE [32.68, -89.03], 1.8 NNW HOUSE [32.65, -89.01], 2.6 WNW HOUSE [32.65, -89.04], 4.4 E MC DONALD [32.68, -89.05]</b>				
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/09 21:30 CST		1K	Flash Flood (due to Heavy Rain)
	09/23/09 21:55 CST		0	Source: Emergency Manager

Several roads were flooded in the Bethesda Community.

CHOCTAW COUNTY --- 1.6 ENE CHESTER [33.38, -89.20], 2.4 WSW CHESTER [33.36, -89.27], 5.3 NW CHESTER [33.42, -89.30], 5.6 NNW CHESTER [33.45, -89.26]

09/24/09 17:00 CST	3K	Flash Flood (due to Heavy Rain)
09/24/09 17:40 CST	0	Source: County Official

A few roads were flooded across the northern and central portions of the county.

The very wet weather period finally culminated between the 22nd and 23rd of September. The persistent upper level disturbances continue to combine with a very moist airmass to produce widespread rainfall with many areas seeing heavy rains. The saturated nature of the soils did not allow for much rainfall to cause problems with localized flooding. Scattered flash flooding occurred across the forecast area during both of those days.



A roadway under water in West Point, MS. This occurred from 1 to 2 inches of rain during the afternoon of September 23rd, 2009.